

Esther Liu

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Education

University of Washington , Seattle, WA	Sept 2022–June 2026
B.S. Computer Science, Interdisciplinary Honors Program	
Juanita High School , Kirkland, WA	Sept 2018–June 2022
Cambridge Program, GPA: 4.0	
Honors: Cambridge Scholar Award with Distinction, National Merit Scholarship Semifinalist 2022	

Extracurricular

Technical Writing Blog	Oct 2022–Present
<ul style="list-style-type: none">• Built blog from scratch using HTML, CSS, JavaScript, Jekyll, Liquid, and YAML• Blog posts are related to various topics in the technical writing field	
Content Creator	June 2019–Present
<ul style="list-style-type: none">• Built personal website from scratch using HTML, CSS, and JavaScript for posting original comic strips	
Technology Student Association (TSA) , JHS, Kirkland	Sept 2018–June 2022
<ul style="list-style-type: none">• Served as treasurer on TSA Board; worked with other board members to organize fundraisers, raising over \$500• Competed in various events, including webmaster, cybersecurity, engineering design, and software development	
Exothermic Robotics , Redmond	June 2019–June 2022
<ul style="list-style-type: none">• Programmed and built robots for competition as part of team 10C, Exothermic Creation• Created the club's first official website and served as head webmaster	
Distributive Education Clubs of America (DECA) , JHS, Kirkland	Sept 2018–June 2022
<ul style="list-style-type: none">• Reached out to local services and formulated integrated marketing campaigns for them• Competed at the regional, state, and international levels	
Reading with Rover , Redmond	Oct 2019–June 2022
<ul style="list-style-type: none">• Trained to become a certified therapy dog team with family pet• Volunteered at libraries, where children read to us, and senior assisted living facilities	
Hack'20 Quarantine Track , University of Washington, Seattle	August 2020
<ul style="list-style-type: none">• Developed a software that converts a video to be reflected onto a Pepper's Cone, creating a 3D holographic image• Hosted on Google App Engine, utilized the web framework Flask; frontend: HTML and CSS, backend: Python	

Awards

Webmaster , TSA	2019–2021
1 st Place, Nationals 2021 • 1 st Place, State 2021 • 1 st Place, State 2020 • 6 th Place, Nationals 2019 • 3 rd Place, State 2019	
Cybersecurity , TSA	2020–2021
1 st Place, Nationals 2021 • 2 nd Place, State 2021 • 4 th Place, State 2020	
Integrated Marketing Campaign – Service , DECA	2018–2021
4 th Place, Internationals 2021 • 1 st Place, State 2021 • 2 nd Place, Area 2020 • 6 th Place, State 2018	
1st Place, Software Development , Washington TSA State	March 2021
Design Award , REC Foundation's Live Remote VEX Robotics World Championship	March 2021
2nd Place, Electronics Online Challenge , REC Foundation	March 2021
Engineering Design , TSA	2019–2020
2 nd Place, State 2020 • 5 th Place, State 2019	
1st Place, Hack'20 Quarantine Track , University of Washington	August 2020

Other Interests

Languages: Java, Python, JavaScript, SQL, HTML, CSS, Markdown

Hobbies: Drawing, Unicycling, Guitar, Skateboarding, Piano